

**METHOD FOR STEREOSCOPIC MEASURING IMAGE POINTS  
AND DEVICE FOR CARRYING OUT SAID METHOD**

*ABSTRACT OF THE DISCLOSURE*

[115] A method of measuring stereoscopic image points comprising the steps of:  
5 construction of a stereoscopic model of an object using a pair of overlapping images;  
determination of the aiming vectors of the eyes during stereoscopic perception of that model;  
recording aiming vector data at the moment of eye fixation, by computing a projection of the  
area of fixation of the observed model on a monitor screen, for each eye; and calculating a  
10 typical point of the object being observed. Also, device for the stereoscopic measuring of  
the position data of image points comprising: a left video-camera for tracking movements of  
an observer's left eye; a right video-camera for tracking movements of the observer's right  
eye; a video-camera for tracking the observer's head movements; a video-capture system for  
allowing capturing of an image by a personal computer; a monitor for displaying the image;  
and a stereo-observation system for allowing the observer to observe stereoscopic images.